

General Plan Figure L –
Public Works Recommended Air Quality Updates

Date: Jan. 20, 2005

To: Diane Jenkins, Planning

From: Chris Durham, Public Works Admin.

Subject: Comments for the Air Quality element:

Please make the following changes to the air Quality Element

AQ-4: *under **bad ozone** include household and other domestic chemicals in the list to help raise public awareness that these are among the significant contributors.*

*(Same page). Add after the heading **Fine Particles (PM2.5)***

*Add after the heading **Course Dust Particles (PM10)***

AQ-7: *last sentence , 1st paragraph I would like to reword to...however it does not project attainment of ozone standards until after 2010.*

AQ-16 *Under **DOING OUR PART TO IMPROVE AIR QUALITY:***

While some sources of air pollution are outside the City's control, Riverside *has* become a recognized leader as a model clean air city. To this end, Riverside works to **improves** the air quality through various strategies which include: using and encouraging the public and private use of alternative fuels, promoting increased use of public transit; minimizing commuting times and vehicle idling times, implementing mitigation measures to reduce ambient particulate matter; improving the community's urban forest; and diversifying energy resources. ... (etc.)

Tree Power-Residential Shade Tree Program.

Under Tree power

See Public Utilities comments

Move: Riverside Infill Dev. Incentive in front of UCR Intellishare.

In UCR Intellishare section I think we should mention that the City continues to explore the possibilities of using shared vehicle programs such as this, for integration into the City's infrastructure.

AQ-17:

Under PROGRAMS TO PURSUE

In the fourth sentence, change *low emission* (vehicles) to alternative fuel.

Add at the end of the same sentence after locations, and a user friendly transit system.

AQ-18:

Under PARTNERSHIPS FOR OUR CITY *Sentence out of place and edit text:*

UCR's Intellishare Program is a prime example of an innovative, locally developed program that offers viable possibilities for expansion into the community. The City will continue to support the concept and explore opportunities for customizing this type of car sharing system for use at a municipal level.

The Western Riverside County Clean Cities Coalition is a partnership between the City and neighboring municipalities working to educate the public in making clean air choices, promoting the use of sustainable fuels, and making the Inland Empire a place where citizens can breathe clean, healthy air.

Creating an effective local governing board such as the Clean Air Advisory Committee is another partnering opportunity for community members and civic leaders to direct air quality resources into programs that most benefit the City.

AQ-22 Policy AQ-2.2: *Change 25 employees to 250*

AQ-26: Policy AQ-3.5: Move this Policy into the **REDUCTION OF PARTICULATE MATTER; CONTROL MEASURES** (Policy AQ4.5?)

Policy AQ-3.8: BACT, BARCT... For clarity it should have the extended name in (). BACT (Best Available Control Technology) BARCT (??) {*Waiting for reply back from AQMD.*} I'll let you know.

AQ-27: Policy AQ-4.5: *add at the end*, and all types of emissions.

AQ-28: *See Public Utilities changes*

AQ-29: Policy AQ-6.7 edit to read: Provide public education to encourage ecological responsibility in consumers when purchasing products for home improvement, household and personal care.

WRCOG had a comment: their staff suggested utilizing an appendix form in the document because it can be updated. I will leave that up to you to determine since I don't know how it would be implemented, but thought you may find something useful in it.

Air Quality Element 2005 –

A] **DELETE** Electric Vehicle Incentive information. This program is no longer offered.

B] **Energy Conservation**

Policy AQ-5.3:

Continue and expand use of renewable energy resources such as wind, solar, water, landfill gas, and geothermal sources. Riverside Public Utilities has increased use of these “Green Power” renewable energy resources to 12 percent of its energy portfolio, which is a higher percentage than the state uses. The Utility also derives 14 percent of its energy from nuclear power, 6 percent from natural gas, and 4 percent from large hydroelectric power plants, which produce nominal amounts of air pollution.

Policy AQ-5.4:

Continue and expand the creation of locally based solar photovoltaic power stations within Riverside. Riverside Public Utilities is the state leader among mid-size utilities in the use of solar photovoltaic (PV) panels. Riverside Public Utilities has constructed seven PV generation stations on parking structures at the La Sierra Metrolink Station, Utilities Operations Center; on the rooftops at the Autumn Ridge Apartments and Oak Tree Apartments for low-income residents; and on three swimming pool changing facilities at Hunt Park, Islander Park and Shamel Park. The seven PV generation stations produce 440 kilowatts of solar power towards the Utility’s goal of 1 megawatt of solar power produced by more PV stations that are planned for Riverside. The Utility also offers a Residential PV program to encourage single-family homeowners to install solar generation stations on their homes.

Policy AQ-5.5:

Continue and expand Riverside Public Utilities rebate programs to promote energy efficiency. In six years, \$23 million in energy efficiency rebates have gone to the Utility's business and residential customers through dozens of programs that save millions of kilowatt-hours annually and help reduce air pollution.

Public Education

Policy AQ-6.6:

Continue and expand Riverside Public Utilities' Energy Education Program that has taught some 12,800 Riverside children to conserve energy, conserve water, and how to be energy safe.

Policy AQ-6.7:

Continue Riverside Public Utilities' Energy Innovation Grant (EIG) program that has given nearly \$1.2 million in research grants to the University of California, Riverside to fund cutting-edge research, development, and demonstration projects aimed at advancing science and accelerating new technology in the electric field.

Policy AQ-6.8:

Continue Riverside Public Utilities' award-winning GREEN POWER public information program that has increased the community's awareness of renewable energy resources and helped build favorable public support for increased use of renewable energy.

Air Quality Element 2005 –

A] **DELETE** Electric Vehicle Incentive information. This program is no longer offered.

B] Energy Conservation

Policy AQ-5.3:

Continue and expand use of renewable energy resources such as wind, solar, water, landfill gas, and geothermal sources. Riverside Public Utilities has increased use of these “Green Power” renewable energy resources to 12 percent of its energy portfolio, which is a higher percentage than the state uses. The Utility also derives 14 percent of its energy from nuclear power, 6 percent from natural gas, and 4 percent from large hydroelectric power plants, which produce nominal amounts of air pollution.

Policy AQ-5.4:

Continue and expand the creation of locally based solar photovoltaic power stations within Riverside. Riverside Public Utilities is the state leader among mid-size utilities in the use of solar photovoltaic (PV) panels. Riverside Public Utilities has constructed seven PV generation stations on parking structures at the La Sierra Metrolink Station, Utilities Operations Center; on the rooftops at the Autumn Ridge Apartments and Oak Tree Apartments for low-income residents; and on three swimming pool changing facilities at Hunt Park, Islander Park and Shamel Park. The seven PV generation stations produce 440 kilowatts of solar power towards the Utility’s goal of 1 megawatt of solar power produced by more PV stations that are planned for Riverside. The Utility also offers a Residential PV program to encourage single-family homeowners to install solar generation stations on their homes.

Policy AQ-5.5:

Continue and expand Riverside Public Utilities rebate programs to promote energy efficiency. In six years, \$23 million in energy efficiency rebates have gone to the Utility's business and residential customers through dozens of programs that save millions of kilowatt-hours annually and help reduce air pollution.

Public Education

Policy AQ-6.6:

Continue and expand Riverside Public Utilities' Energy Education Program that has taught some 12,800 Riverside children to conserve energy, conserve water, and how to be energy safe.

Policy AQ-6.7:

Continue Riverside Public Utilities' Energy Innovation Grant (EIG) program that has given nearly \$1.2 million in research grants to the University of California, Riverside to fund cutting-edge research, development, and demonstration projects aimed at advancing science and accelerating new technology in the electric field.

Policy AQ-6.8:

Continue Riverside Public Utilities' award-winning GREEN POWER public information program that has increased the community's awareness of renewable energy resources and helped build favorable public support for increased use of renewable energy.